**Project Design Phase**

**Problem – Solution**

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| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID59691 |
| Project Name | Flightfinder |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Overview: Flight Finder:**

The Problem–Solution Fit ensures that Flight Finder effectively addresses the key challenges travelers face while searching for and booking flights online. This validation is essential before scaling the platform to a wider audience or introducing advanced features.

**Purpose**

Flight Finder is developed to address the core difficulties users face while booking flights online. The platform aims to:

* Simplify the flight search and booking process for travelers
* Provide a transparent and clutter-free interface to compare flight options
* Enable users to identify trustworthy airlines through verified information
* Offer real-time flight details and eliminate confusion around booking and pricing

**Problem Statement**

Users frequently experience challenges such as:

* Overloaded and confusing flight booking platforms
* Inconsistent pricing and hidden charges across different sites
* Difficulty comparing flights based on stops, timing, or airline reputation
* Lack of visibility into which operators are legitimate or verified
* Absence of helpful tools like price alerts or booking history

**Solution**

Flight Finder addresses these challenges by providing:

* An intuitive search system with filters for price, date, stops, and airline
* Real-time availability and pricing along with verified operator badges
* A streamlined and transparent booking experience
* User profiles with saved preferences, booking history, and notifications
* Price alert functionality to inform users when fares drop
* A centralized admin panel for managing flights, operators, and user feedback